

## **REMARKS**

Claims 7-12 stand rejected under § 102 on the basis of Reed et al. '658. Independent claims 7, 9, and 11 have been amended to recite that the convolutions in recording and reproducing occur in a main path of a modulation circuit, to address the Examiner's comments on page 3 of the March 17, 2006 Office Action. The Examiner's other remarks are also addressed in the claim amendments, by providing that  $n$  is a positive integer,  $k=1$ ,  $s=1$  and  $n=2$ . With these claim amendments, at least both the third embodiment of Figs. 23-29 and the fourth embodiment of Figs. 30-36 are covered by the claims. Accordingly, Applicants reassert the previous arguments in light of these claim amendments, and request reconsideration and withdrawal of the outstanding rejections.

For the foregoing reasons, Applicant submits that this Application is now in condition for allowance, which is respectfully requested. The Examiner should contact the undersigned attorney if an interview would expedite prosecution.

Respectfully submitted,

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